

**STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS**

**FINAL DETERMINATION OF ACCEPTANCE**

Petition of Mackey Tanner Petroleum, Inc. For Drilling ) Case No.: DOG-01-2010  
Unit and Spacing Exceptions for Drilling and Production  
from the Mansfield Sandstone Only, from the 100-acre  
Burgdorf lease, located in a portion of Sec. 18, T. 7S, R.  
11W, Vanderburgh County, Indiana

As provided in 312 IAC 16-5-2, an informal hearing was conducted under 312 16-2-3 and held in this matter on 4/21/2010, before the Indiana Department of Natural Resources (IDNR), Division of Oil and Gas (Division), at the Indianapolis Office of the Division located at 402 W. Washington Street, Indianapolis, IN 46204. The purpose of the informal hearing was to consider the Petition for granting an exception to the well spacing and drilling unit requirements filed by Mackey Tanner Petroleum, Inc. (Petitioner) for the above proposed production on the 100-acre Burgdorf lease in a portion of Section 18, Township 7 South, Range 11 West, Vanderburgh County, IN.

Having reviewed the entire record in this matter, and being duly advised, the Director of the Division of Oil and Gas (Director) makes the following Findings of Fact, Conclusions of Law and Final Determination of Acceptance:

**FINDINGS OF FACT**

1. Petitioner Mackey Tanner Petroleum, Inc. is a corporation whose principal place of business is P. O. Box 5446, Bloomington, Indiana 47407.
2. Indiana Code 14-37-3-3 requires the IDNR to regulate the spacing of wells for oil and gas purposes through the establishment of rules providing minimum distances between wells and adjacent properties, and minimum acreage requirements for each well taking into consideration of regional and geological characteristics and factors conducive to the most efficient and economical recovery of oil and gas.
3. 312 IAC 16-5-1 through 312 IAC 16-5-3 contain the rules adopted by IDNR for regulation of well spacing and drilling unit size.
4. 312 IAC 16-5-2 allows the Division Director to grant an exception to the spacing or drilling unit requirements of 312 IAC 16-5-1 and 312 IAC 16-5-2 where the request is supported by unusual regional or geological characteristics and the exception is conducive to the most efficient and economical recovery of oil and gas.
5. Petitioner asserts that the thick oil-saturated Mansfield sandstone permeability changes very quickly, both vertically and laterally. This has left oil stranded between existing wellbores that can only be recovered by drilling between existing wells. Development on five (5) acre spacing units rather than from standard ten (10) acre units will result in an extension of the productive life of the field and maximize the ultimate recovery of oil.
6. Petitioner attached the following documents to its Petition:

Mackey Tanner Petroleum, Inc.

Cause No.: DOG-01-2010

- a. Exhibit "A" – Survey description of the Request Area
  - b. Exhibit "B" – Plat Map showing location of existing wells in the Request Area.
  - c. Exhibit "C" – Map of the Top Structure of the Mansfield sandstone.
7. As required by 312 IAC 16-2-3 (c), notice of the date, time, and place of the informal hearing held in the Indianapolis Office of the Division of Oil and Gas on April 21, 2010 was published in the Evansville Courier newspaper on April 7, 2010.
  8. The following persons were present at the informal hearing held on 4/21/2010:

<u>Person</u>	<u>Representing</u>
Mona L. Nemecek	Division Oil and Gas

9. No comments or objections to the Petition were submitted by any persons present at the informal hearing.
10. No comments or objections to the Petition were submitted by any persons not attending the informal hearing.
11. Based upon a review of all relevant information, the Petition should be accepted in order to allow the Petitioner to proceed with the efficient and economical development of the request area in accordance with the Final Determination of Acceptance.

#### **CONCLUSIONS OF LAW AND FINAL DETERMINATION OF ACCEPTANCE**

1. IC 14-37-3-3 and any rules promulgated thereunder apply and are pertinent to the subject matter of the Petition filed herein.
2. There has been full compliance with all notice requirements provided by law, and all interested parties have been afforded an opportunity to be heard.
3. The IDNR and the Division have jurisdiction to hear this matter and authority, as delegated by the Natural Resources Commission, to approve this Petition.
4. The Petition, herein referenced, contains the elements required by law.
5. The spacing and drilling unit acreage requested by Petitioner is hereby approved as follows:
  - a. Drilling units, each consisting of  $\frac{1}{2}$  of a  $\frac{1}{4}$ ,  $\frac{1}{4}$ ,  $\frac{1}{4}$  section containing 5 acres more or less, allowing for the use of any portion of one  $\frac{1}{4}$ ,  $\frac{1}{4}$  section with any portion of another  $\frac{1}{4}$ ,  $\frac{1}{4}$  section ; and
  - b. Spacing of no less than 330 feet between oil wells capable of production from the same formation, specifically the Mansfield sandstone, within the request area.
  - c. Producing wells shall not be spaced closer than 330 feet from a lease line, property line or other unconsolidated property interest.
6. This determination is a final administrative action of the IDNR and, as such, is subject to administrative review under IC 4-21.5-3-7.

April 26, 2010  
Dated

Herschel L. McDivitt  
Herschel L. McDivitt, Director  
Division of Oil and Gas

**DIVISION OF OIL AND GAS  
DEPARTMENT OF NATURAL RESOURCES**

**NOTICE OF FINAL DETERMINATION OF ACCEPTANCE**

**NOTICE OF RIGHT TO APPEAL**

**CERTIFICATE OF MAILING**

You are hereby notified that on the date indicated below, the Indiana Department of Natural Resources, through the Director of the Division of Oil and Gas, issued a Final Determination of Acceptance with respect to a Petition for an exception to the well spacing and drilling unit requirements found in 312 IAC 16-5-1 through 312 IAC 16-5-3. The Order of Acceptance is based on a Petition filed by Mackey Tanner Petroleum, Inc. (Petitioner) and on an Informal Hearing held in this matter on 4/21/2010, in Indianapolis, Indiana to consider the Petition for an exception to the 10 acre spacing requirement for production from the Mansfield sandstone in the 100-acre Burgdorf lease in a portion of Section 17, Township 7 South, Range 11 West, Vanderburgh County, IN. A copy of the Final Determination of Acceptance issued on the date indicated below is enclosed.

The terms of the enclosed Final Determination of Acceptance are subject to appeal and review under IC 4-21.5-3-7 in a hearing before an Administrative Law Judge. In order to qualify for administrative review, a person must petition for review in writing stating facts that demonstrate the petitioner is:

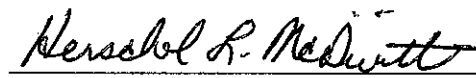
- (A) a person to whom the order is specifically directed;
- (B) aggrieved or adversely affected by the order; or
- (C) entitled to review under any law.

In order to be timely, any petition for administrative review must be filed with the Division of Hearings, Natural Resources Commission, Indiana Government Center North, 100 N. Senate Ave., Rm. N501, Indianapolis, IN 46204 within eighteen (18) days after the mailing date of this notice. If no petition for administrative review is filed within the stated time limit, all terms and conditions contained in the enclosed Final Determination of Acceptance will become final and binding.

I further certify that a copy of the referenced Final Determination of Acceptance was sent by First Class Mail on the date indicated below to the following:

Mackey Tanner Petroleum, Inc., P. O. Box 5446, Bloomington, IN 47407

April 26, 2010  
Date

  
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Herschel L. McDivitt, Director  
Division of Oil and Gas